

LISTING OF CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1 1. (Original) A method of communications in a system, comprising:
2 storing permission data relating to security for the system;
3 receiving a request to establish a telephony call;
4 in response to the request, establishing the telephony call;
5 after establishing the telephony call, detecting for an indication of a type of the telephony
6 call; and
7 determining, based on the permission data relating to security for the system, whether the
8 type of the telephony call is permitted.

1 2. (Original) The method of claim 1, further comprising detecting that the indication
2 indicates a data call.

1 3. (Original) The method of claim 1, further comprising detecting that the indication
2 indicates a voice call.

1 4. (Original) The method of claim 1, further comprising detecting that the indication
2 indicates a fax call.

1 5. (Original) The method of claim 1, further comprising accessing the permission data, the
2 permission data indicating types of telephony calls that are permitted and not permitted based on
3 security requirements of the system.

1 6. (Original) The method of claim 1, wherein detecting for the indication comprises a
2 modem detecting for a tone.

1 7. (Original) The method of claim 6, wherein the modem detecting for the tone comprises
2 the modem detecting for at least one of an FSK tone, CNG tone, fax answer tone, and a fax
3 training tone.

1 8. (Original) The method of claim 7, further comprising indicating a voice call in response
2 to the modem not detecting any of the FSK tone, CNG tone, fax answer tone, and fax training
3 tone.

1 9. (Original) The method of claim 1, further comprising disconnecting the telephony call in
2 response to determining that the telephony call is not permitted.

1 10. (Original) The method of claim 1, wherein storing the permission data comprises storing
2 the permission data in a memory of the system, wherein the receiving, establishing, detecting and
3 determining are performed by the system.

1 11. (Original) The method of claim 10, further comprising setting the permission data
2 through a telephony application programming interface.

1 12. (Original) The method of claim 1, wherein the storing, receiving, establishing, detecting,
2 and determining acts are part of a firewall feature.

1 13. (Original) A system comprising:
2 a storage to store permission data relating to security for the system;
3 an interface to receive a request for a telephony call; and
4 a control element adapted to:
5 establish the telephony call in response to the request;
6 receive an indication of a type of the telephony call during the telephony call; and
7 determine, based on the indication and the permission data relating to security for
8 the system, whether the type of the telephony call is permitted.

1 14. (Original) The system of claim 13, wherein the control element is adapted to disconnect
2 the telephony call in response to determining that the type of the telephony call is not permitted.

1 15. (Original) The system of claim 13, wherein the indication corresponds to a tone
2 indicative of a data call, fax call, or voice call, wherein the interface comprises a modem adapted
3 to detect the tone.

1 16. (Original) The system of claim 15, wherein the tone comprises one of an FSK tone, CNG
2 tone, fax answer tone, and fax training tone.

1 17. (Original) The system of claim 16, wherein the control element is adapted to indicate a
2 voice call in response to not detecting any of the FSK tone, CNG tone, fax answer tone, and fax
3 training tone.

1 18. (Original) The system of claim 13, wherein the control element comprises software code
2 and a processor on which the software code is executable.

1 19. (Original) The system of claim 13, wherein the control element comprises firmware and
2 a modem on which the firmware is executable.

1 20. (Original) The system of claim 13, wherein the control element is adapted to provide a
2 firewall task.

1 21. (Original) A modem comprising:

2 a microcontroller to:

3 receive a request to establish a telephony call;

4 in response to the request, establish the telephony call;

5 after establishing the telephony call, detect for an indication of a type of the
6 telephony call; and

7 determine, based on the indication and permission data relating to a target security
8 level, whether the type of the telephony call is permitted.

1 22. (Original) The modem of claim 21, wherein detecting for the indication comprises
2 detecting for one of an FSK tone, CNG tone, fax answer tone, and fax training tone.

1 23. (Original) The modem of claim 21, wherein the microcontroller is adapted to perform
2 the receiving, establishing, detecting, and determining as part of a firewall task.

1 24. (Previously Presented) The system of claim 13, wherein the permission data indicates
2 types of telephony calls that are permitted and not permitted based on security requirements of
3 the system.

1 25. (Previously Presented) The modem of claim 21, wherein the permission data indicates
2 types of telephony calls that are permitted and not permitted based on security requirements of a
3 system associated with the modem.